

Chapter 1

Introduction

GENERAL

PURPOSE

This circular provides a series of lessons for use in training personnel in preservation and packing operations. These lessons are published for use as an official document in the training of military and civilian personnel from all segments of the Department of Defense (DOD) and supporting agencies. It contains information based on specifications, standards, MIL-STD-2073-1C, Standard Practice for Military Packaging, and other pertinent documents. In keeping with the established preservation and packing policy, emphasis is placed on efficiency and economy in all preservation and packing operations. The use of this set of lessons will eliminate the need for the preparation of similar guides at separate installations

CONTENT, FORMAT, AND USE

GENERAL

These lessons have been prepared for use in training operating personnel working on preservation and packing lines at installations throughout DOD. In the preparation of these lessons, the dominant consideration has been to make them as flexible as possible so that they may meet the requirements of a variety of training situations. The technical data and specifications referenced in this pamphlet represent the current preservation and packing practices. The titles of the documents referenced in the various lessons herein are listed in appendix A located immediately after chapter 4.

FORMAT AND CONTENT

Lesson Content

This circular consists of lessons on the following:

- X Introduction to military preservation.
- X Corrosion control.
- X Cleaning and drying.
- X Electrostatic discharge control.
- X Preservatives.
- X Preservation materials and heat sealing equipment.
- X Cushioning, blocking, and bracing.
- X Methods of preservation.
- X Miscellaneous packaging requirements.
- X Introduction to military packing.
- X Fiberboard shipping boxes.
- X Triple-wall corrugated fiberboard boxes.
- X Wooden boxes.
- X Crates.
- X Miscellaneous containers.
- X Weatherproofing the pack.

- X Cargo unitization.
- X Marking and labeling.
- X Hazardous materials.
- X Small parcel shipment.

KEEPING THE TRAINING PRACTICAL

Time Allotments

In accordance with lesson objectives, methods of instruction, and time allotments established for each lesson, it is suggested that all training be made as practical as possible. This will assure an improvement in the quality of workmanship. The allotment of approximately 25 percent of the training time to conference instruction and 65 percent to demonstrations and practical exercises should be followed as closely as possible. Actual preservation and packing working areas should be used.

Objective

The what, how, when and why of each major preservation and packaging principle has been emphasized. These lessons will serve to keep instruction focused on the basic requirements of military preservation and packing.

LESSON ARRANGEMENT AND SUGGESTED TIME ALLOTMENTS

The following lesson arrangement may be used as a guide in presenting the information in this pamphlet:

- X Chapter 1 - Introduction
 - o Purpose
 - o Content, Format, and Use
- X Chapter 2 - Military Preservation
 - o Introduction to Military Preservation, Conference (1 hour)
 - o Corrosion Control, Conference (1 hour)
 - o Cleaning and Drying, Conference (1 hour), Practical Exercise (1 hour)
 - o Electrostatic Discharge Control, Conference (1 hour)
 - o Preservatives, Conference (2 hours), Practical Exercise (1 hour)
 - o Preservation Materials and Heat Sealing Equipment, Conference (1 hour), Practical Exercise (1 hour)
 - o Cushioning, Blocking, and Bracing, Conference (2 hours), Practical Exercise (1 hour)
 - o Methods of Preservation, Conference (3 hours), Practical Exercise (1 hour)
 - o Miscellaneous Packaging Requirements, Conference (2 hours)
- X Chapter 3 - Military Packing
 - o Introduction to Military Packing, Conference (1 hour)
 - o Fiberboard Shipping Boxes, Conference (1.5 hours), Practical Exercise (1.5 hours)
 - o Triple-wall Corrugated Fiberboard Boxes, Conference (1 hour), Practical Exercise (1 hour)
 - o Wooden Boxes, Conference (2 hours), Practical Exercise (2 hours)
 - o Crates, Conference (2 hours), Practical Exercise (2 hours)
 - o Miscellaneous Containers, Conference (1 hour)

- X Chapter 4 - Packing Procedures and Operations
 - O Weatherproofing the Pack, Conference (1 hour), Practical Exercise (1 hour)
 - O Cargo Unitization, Conference (2 hours), Practical Exercise (1 hour)
 - O Marking and Labeling, Conference 2 hours), Practical Exercise (1 hour)
 - O Hazardous Materials, Conference (2 hours)
 - O Small Parcel Shipment, Conference (1 hour)

Changes and Revisions

Revisions or changes to this publication, due to major changes in preservation packing policy, doctrine, revision of specifications, and other official preservation/packing instructions will be made on a continuing basis as the need arises.

Users of this training circular are encouraged to submit recommended changes or comments to improve the publication. Comments should be keyed to the specific page, and line of the text in which the change is recommended. Reasons should be provided for each comment to ensure understanding and complete evaluation. Comments should be forwarded to Dean, School of Military Packaging Technology, ATTN: ATSL-MPT, 360 Lanyard Road, Aberdeen Proving Ground, MD 21005-5003.